The Geospatial Intelligence Standards Working Group
-GWG-

http://www.gwg.nga.mil

For more information, contact the GWG Secretariat at NCGIS-mail@nga.mil

Inaugurated January 2005

Working as a Community:

- The GWG exemplifies participatory governance – ***the community forum*** for all standardization activities & functions related to Geospatial Intelligence (GEOINT)
- The GWG is a registered ***Community of Interest*** (COI) – develops DoD and Intelligence Community (IC) positions in GEOINT standardization
- The GWG enhances our ability to ***manage and share GEOINT data*** among disparate groups

Functions & Responsibilities

- GWG is responsible for:
  - **Serving as the *community forum* for all standardization activities and functions related to Geospatial Intelligence (GEOINT)**
  - **Coordinating population of the DoD IT Standards Registry (DISR) with GEOINT standards**

Functions & Responsibilities

- The GWG is chaired by NGA/NCGIS and assists the Director, NGA in carrying out responsibilities as Functional Manager for GEOINT standards:
  - **Sustaining a viable standardization program**
  - **Prescribing and mandating GEOINT standards**
  - **Representing the NSG community**
  - **Pursuing standards that enhance ability to manage and preserve the integrity of GEOINT data**

Members

- Core and Associate GWG Members & Participants
  - **NGA**
  - **Combatant Commands**
  - **Military Services**
  - **DoD Agencies**
  - **Intelligence Community Agencies**
  - **Other Federal Agencies**
  - **Coalition Partners**
  - **Standards Development Organizations**
  - **GIS Industry**

The DoD IT Standards Registry (**DISR**)

- A single, unifying DoD **registry** for approved standards citations and a registry for approved DoD IT standards profiles
- **DISR Mandated Standards** - the minimum set of **essential standards for the *acquisition* of all DoD systems** that produce, use, or exchange information and, when implemented, facilitate the flow of information in support of the warfighter
- New / modified systems throughout DoD are required to include all applicable DISR mandated standards in baseline **(TV-1)**

GWG Focus Groups

- NITFS Technical Board (NTB)
- Motion Imagery Standards Board (MISB)
- Community Sensor Model Working Group (CSMWG)
- GEOINT Reporting
- Geographic Portrayal
- Application Schemas for Feature Encoding
- Metadata
- Information Transfer and Services Architecture

Interoperability Requirements

- ***Open standards*** between mission systems
- ***Metadata*** to enable users to integrate data from multiple sources, formats, and organizations; and permits automatic processing of data
- ***Tools*** that allow for the collection and population of quality information to answer intelligence and operational questions
- ***Harmonization*** among standards bodies to help further their common goals